

Mohammad Hadi Givianrad

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

750
citations

623188

14
h-index

580395

25
g-index

50
all docs

50
docs citations

50
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of a novel mesoporous SBA-15 sorbent functionalized by 2,4 dinitrophenylhydrazine (DNPH) for simultaneous removal of Pb(II), Cr(III), Cd(II) and Co(II) from aqueous solutions: Experimental design, kinetic, thermodynamic, and isotherm aspects. <i>Advanced Powder Technology</i> , 2022, 33, 103201.	2.0	10
2	A comprehensive study on removal of cadmium from aqueous solution by using mesoporous SBA-15 functionalized by 1,5-diphenyl carbazide: experimental design, kinetic, thermodynamic, and isotherm aspects. <i>Comptes Rendus Chimie</i> , 2021, 24, 43-59.	0.2	1
3	Improving the Barrier Properties of Food Packaging by Al ₂ O ₃ @TiO ₂ & Al ₂ O ₃ @SiO ₂ Nanoparticles. <i>Food and Bioprocess Technology</i> , 2021, 14, 1287-1300.	2.6	12
4	Characterization of a traditional ripened cheese, Kurdish Kope: Lipolysis, lactate metabolism, the release profile of volatile compounds, and correlations with sensory characteristics. <i>Journal of Food Science</i> , 2021, 86, 3303-3321.	1.5	9
5	Photodegradation of organic water pollutants under visible light using anatase F, N co-doped TiO ₂ /SiO ₂ nanocomposite: Semi-pilot plant experiment and density functional theory calculations. <i>Chemosphere</i> , 2021, 275, 129903.	4.2	23
6	Determination of paraquat in environmental samples using salt-assisted liquid-liquid extraction coupled with microchannel and HPLC. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1325-1335.	1.8	11
7	Cu-S codoping TiO ₂ /SiO ₂ and TiO ₂ /SiO ₂ /Fe ₃ O ₄ core-shell nanocomposites as a novel purple LED illumination active photocatalyst for degradation of diclofenac: the effect of different scavenger agents and optimization. <i>Chemical Engineering Communications</i> , 2020, 207, 1536-1553.	1.5	6
8	Synthesis and characterization of visible light driven N ⁺ Fe ³⁺ -codoped TiO ₂ /SiO ₂ for simultaneous photoremoval of Cr (VI) and azo dyes in a novel fixed bed continuous flow photoreactor. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 705-716.	0.9	11
9	Electrochemical Sensing System Based on MnFe ₂ O ₄ /rGO for Simultaneous Determination of Trace Amount Pb ²⁺ and Cd ²⁺ in Spice Samples. <i>Russian Journal of Electrochemistry</i> , 2020, 56, 506-517.	0.3	3
10	Preparation of a novel Z-scheme g-C ₃ N ₄ /RGO/Bi ₂ Fe ₄ O ₉ nanophotocatalyst for degradation of Congo Red dye under visible light. <i>Diamond and Related Materials</i> , 2020, 109, 108008.	1.8	84
11	Purified compounds from marine organism sea pen induce apoptosis in human breast cancer cell MDA-MB-231 and cervical cancer cell Hela. <i>European Journal of Pharmacology</i> , 2020, 877, 173075.	1.7	23
12	Salt-assisted liquid-liquid extraction in microchannel. <i>Journal of Separation Science</i> , 2019, 42, 3217-3224.	1.3	19
13	Simultaneous reduction of Cr (VI) and degradation of azo dyes by F-Fe-codoped TiO ₂ /SiO ₂ photocatalysts under visible and solar irradiation. <i>Canadian Journal of Chemistry</i> , 2019, 97, 659-671.	0.6	7
14	Synthesis of N-doped TiO ₂ /SiO ₂ /Fe ₃ O ₄ magnetic nanocomposites as a novel purple LED illumination-driven photocatalyst for photocatalytic and photoelectrocatalytic degradation of naproxen: optimization and different scavenger agents study. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1254-1267.	0.9	14
15	A simple and effective synthesis of magnetic ³ -Fe ₂ O ₃ @SiO ₂ @TiO ₂ Ag microspheres as a recyclable photocatalyst: dye degradation and antibacterial potential. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 949-960.	1.4	19
16	Chemical composition and thermal properties of Pistacia atlantica subsp. Kurdica gum. <i>Applied Biological Chemistry</i> , 2019, 62, .	0.7	8
17	Synthesis of N-F-codoped TiO ₂ /SiO ₂ nanocomposites as a visible and sunlight response photocatalyst for simultaneous degradation of organic water pollutants and reduction of Cr (VI). <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 562-570.	1.1	9
18	Inducing Apoptosis of Cancer Cells Using Sea Pen Extract Which is Comparable to Cembrane Diterpene Sarcophine. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 640-652.	0.3	1

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19	The effect of different molar ratios of ZnO on characterization and photocatalytic activity of TiO ₂ /ZnO nanocomposite. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 373-378.	2.4	70
20	Effect of ultrafiltered milk permeate and non-dairy creamer powder concentration on low phenylalanine yoghurt's physicochemical properties during storage. <i>Journal of Food Science and Technology</i> , 2016, 53, 3053-3059.	1.4	8
21	Total mercury and arsenic concentrations in edible and non-edible tissues of Iranian tuna fish. <i>Quality Assurance and Safety of Crops and Foods</i> , 2015, 7, 509-515.	1.8	3
22	Effect of Churning Process on Heavy Metals in Cream, Butter and Butter Milk. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1141-1146.	0.1	2
23	The Application of Differential Scanning Calorimetry As a Mean to Determine the Oxidative Stability of Vegetable Oils and its Comparison with Rancimat. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1389-1394.	0.1	8
24	A Rapid Method for Detection of Refined Olive Oil as Adulterant in Extra Virgin Olive Oil by Differential Scanning Calorimetry. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1735-1739.	0.1	12
25	Biosynthesis of Silver Nanoparticles Using Marine Sponge. <i>Oriental Journal of Chemistry</i> , 2015, 31, 1961-1967.	0.1	4
26	A Survey of The Effect of Some Heavy Metals in Plant on The Composition of the Essential Oils Close to Veshnaveh-Qom Mining Area. <i>Oriental Journal of Chemistry</i> , 2014, 30, 737-743.	0.1	0
27	Chemical Changes of Canola Oil During Frying Under Atmospheric Condition and Combination of Nitrogen and Carbon Dioxide Gases in the Presence of Air. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2014, 91, 1903-1909.	0.8	6
28	Genetic algorithm-based wavelength selection in multicomponent spectrophotometric determination by PLS: Application on sulfamethoxazole and trimethoprim mixture in bovine milk. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 555-564.	0.4	7
29	Preparation and characterization of nanocomposite, silica aerogel, activated carbon and its adsorption properties for Cd (II) ions from aqueous solution. <i>Journal of Saudi Chemical Society</i> , 2013, 17, 329-335.	2.4	45
30	Preconcentration and determination of carbaryl and carbofuran in water samples using ionic liquids and in situ solvent formation microextraction. <i>Analytical Methods</i> , 2013, 5, 2406.	1.3	11
31	Chemical composition of oils from wild almond (<i>Prunus scoparia</i>) and wild pistachio (<i>Pistacia atlantica</i>). <i>Grasas Y Aceites</i> , 2013, 64, 77-84.	0.3	35
32	Chemical Composition of Iran's <i>Pistacia atlantica</i> Cold-Pressed Oil. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	0.9	32
33	Fatty Acid, Sterol and Tocopherol Compositions of <i>P. scoparia</i> and <i>Pistacia atlantica</i> Seed Oil. <i>Asian Journal of Chemistry</i> , 2013, 25, 4043-4046.	0.1	3
34	Microwave Assisted Synthesis of meso-Tetraphenylporphyrin and Its Application for Trace Metal Spectrophotometric Determination. <i>Asian Journal of Chemistry</i> , 2013, 25, 6102-6104.	0.1	0
35	Cloud Point Extraction for Assessment of Lead and Cadmium Levels of Somatic Cells in Raw Milk Using Graphite Furnace Atomic Absorption Spectrometry. <i>Asian Journal of Chemistry</i> , 2013, 25, 4685-4688.	0.1	0
36	Synthesis and Characterization of Al-TiO ₂ /ZnO and Fe-TiO ₂ /ZnO Photocatalyst and Their Photocatalytic Behaviour. <i>Asian Journal of Chemistry</i> , 2013, 25, 6635-6638.	0.1	5

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37	Effect of Additives on Characterization and Photocatalytic Activity of /ZnO Nanocomposite Prepared via Sol-Gel Process. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-5.	1.4	24
38	Surfactant-assisted dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for determination of amphetamine and methamphetamine in urine samples. <i>Analytical Methods</i> , 2012, 4, 1357.	1.3	50
39	Characterization and Assessment of Flavor Compounds and Some Allergens in Three Iranian Rice Cultivars during Gelatinization Process by HS-SPME/GC-MS. <i>E-Journal of Chemistry</i> , 2012, 9, 716-728.	0.4	11
40	Net Analyte Signal Standard Additions Method for Simultaneous Determination of Sulfamethoxazole and Trimethoprim in Pharmaceutical Formulations and Biological Fluids. <i>E-Journal of Chemistry</i> , 2012, 9, 680-692.	0.4	6
41	Assessment of flavor volatiles of modified Iranian rice cultivars during the gelatinization process. <i>Chemistry of Natural Compounds</i> , 2012, 48, 30-37.	0.2	5
42	Fatty acid and triacylglycerol compositions of Capparis spinosa seed oil. <i>Chemistry of Natural Compounds</i> , 2011, 47, 798-799.	0.2	7
43	Investigation of some compositional properties of Capparis spinosa seed oil growing wild in Iran from commercial utilization approach. <i>Chemistry of Natural Compounds</i> , 2011, 47, 428-430.	0.2	3
44	H-point standard additions method for simultaneous determination of sulfamethoxazole and trimethoprim in pharmaceutical formulations and biological fluids with simultaneous addition of two analytes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1196-1200.	2.0	24
45	Effect of canned tuna fish processing steps on lead and cadmium contents of Iranian tuna fish. <i>Food Chemistry</i> , 2010, 118, 525-528.	4.2	45
46	Zinc and copper concentrations in human milk and infant formulas. <i>Iranian Journal of Pediatrics</i> , 2010, 20, 53-7.	0.1	14
47	Determination of total and methyl mercury in human permanent healthy teeth by electrothermal atomic absorption spectrometry after extraction in organic phase. <i>Talanta</i> , 2007, 71, 1319-1325.	2.9	24
48	Assessment of some elements in human permanent healthy teeth, their dependence on number of metallic amalgam fillings, and interelements relationships. <i>Biological Trace Element Research</i> , 2007, 116, 155-169.	1.9	3
49	Methylmercury determination in biological samples using electrothermal atomic absorption spectrometry after acid leaching extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1407-1412.	1.9	11
50	S-N codoping TiO ₂ /SiO ₂ and TiO ₂ /SiO ₂ /Fe ₃ O ₄ core-shell nanocomposites as a novel purple LED light driven photocatalyst for degradation of paracetamol: optimization and different scavenger agents study. , 0, 166, 144-157.		2